

**Amendments to the Drawings:**

The attached sheets of drawings include changes to FIGS. 1 and 1a, 2 and 3. These sheets replace the original sheets containing FIGS. 1 and 1a, 2 and 3. In amended FIGS. 1, 1a, 2 and 3, the longitudinal groove 41 and the radially extending supply conduit section 11" have been more clearly shown.

Attachment: Two Replacement Sheets

**REMARKS/ARGUMENTS**

The claims are 1-16. Claims 1, 6 and 12 have been amended to improve their form. In addition, claims 10-12 and 14 have been amended to depend on claim 7. In amended FIGS. 1, 1a, 2 and 3, the longitudinal groove 41 and the radially extending supply conduit sections 11" have been more clearly shown. The specification has been amended to delete reference to the claims and to clarify a passage relating to EP 0 104 266 A1. Reconsideration is expressly requested.

The drawings were objected to under 37 C.F.R. §1.83(a) as not clearly showing longitudinal groove 41 recited in claim 12 and radially extending supply conduit sections 11" discussed at page 3, last paragraph of the disclosure. In response, Applicant has amended FIGS. 1, 1a, 2 and 3 to more clearly show these features. It is respectfully submitted that the foregoing

amendments to the drawings overcome the objection of the Examiner and Applicant respectfully requests that the objection to the drawings be withdrawn.

The specification was objected to as referring to the claims and as being unclear at page 1, third paragraph as to what is meant by "differences in shape" being "integrated". In response, Applicant has amended the specification to delete reference to the claims and has amended the third paragraph on page 1 to change the word "integrated" to --compensated--.

From a mathematical point of view, the effects achieved by the fluid bearing of the rotor could be described as an integration of the existing unevenness over the length of the bearing surfaces; however, the technical result is that the unevenness of the surfaces or the differences in shape are compensated by the bearing fluid.

It is respectfully submitted that the foregoing amendment overcomes the Examiner's objection to the specification, and Applicant respectfully requests that the objection on that basis be withdrawn as well.

Claims 1-6 and 10-16 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite for the reasons set forth on pages 3-4 of the Office Action. In response, Applicant has amended claims 1, 6, 10-12 and 14 as suggested by the Examiner, which it is respectfully submitted overcomes the Examiner's rejection under 35 U.S.C. 112, second paragraph.

Claims 1 and 6 were rejected under 35 U.S.C. §102(b) as being anticipated by *Schonfeld et al.*, U.S. Patent No. 4,543,825 for the reasons set forth on page 4 of the Office Action. Essentially, the Examiner's position was that (1) claim 1 is

fully anticipated by *Schonfeld et al.* to the extent that claim 1 is not limited to balancing a rotor having a pocket hole bore, and (2) that *Schonfeld et al.* discloses using oil for supporting the first and second bearing regions.

In response, Applicant has amended claim 1 to limit the claim to balancing a rotor having a pocket hole bore, which it is respectfully submitted overcomes the Examiner's rejection of claims 1 and 6 as being anticipated by *Schonfeld et al.* Therefore, it is respectfully submitted that claim 1 and 6 are now in condition for allowance. Claims 2-5, which depend directly or indirectly on claim 1 as amended, likewise should be in condition for allowance.

The Examiner also indicated that claims 7-9 are allowed, and Applicant has amended claims 10-12 and 14 to depend on claim 7. Therefore, it is respectfully submitted that claim 7 together

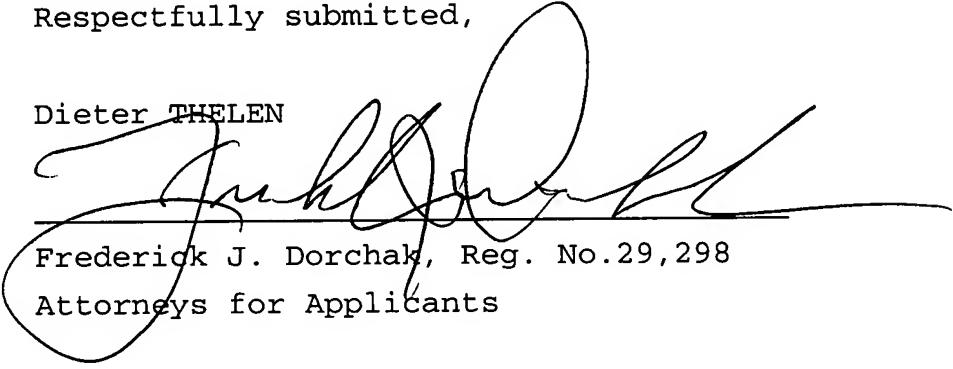
with claims 8-16, which depend directly or indirectly on claim 7,  
are now in condition for allowance as well.

In summary, claims 1, 6, 10-12 and 14 have been amended  
along with the specification and FIGS. 1, 1a, 2 and 3 of the  
drawings. In view of the foregoing, it is respectfully requested  
that the claims be allowed and that this case be passed to issue.

Respectfully submitted,

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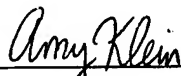


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Enclosure(s): Appendix: two(2) sheets of Replacement Drawings  
(FIGS. 1, 1a, 2 and 3)

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on November 30, 2007.



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# APPENDIX